### Contents


### Intended learning outcomes

The student masters the fundamental mathematical methods and techniques to simulate processes from natural and engineering sciences on a computer.

### Courses

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<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language</th>
</tr>
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<tbody>
<tr>
<td>V + Ü</td>
<td>(no information on SWS (weekly contact hours) and course language available)</td>
<td></td>
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### Method of assessment

- written examination (approx. 90 to 180 minutes); if announced by the lecturer, the written examination can be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups (groups of 2, approx. 30 minutes)
- Language of assessment: German, English if agreed upon with the examiner

### Allocation of places

- --

### Additional information

- --

### Referred to in LPO I

- (examination regulations for teaching-degree programmes)

### Module appears in

- Bachelor' degree (1 major) Nanostructure Technology (2012)
- Bachelor' degree (1 major) Mathematical Physics (2012)
- Bachelor' degree (1 major) Computational Mathematics (2012)
- Bachelor' degree (1 major) Computational Mathematics (2013)